Taken from 4th grade

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| Concepts and skills students master:   * All living things share similar characteristics, but they also have differences that can be described and classified | |
| Evidence Outcomes  Students can: | **21st Century Skills and Readiness Competencies** |
| 1. Use evidence to develop a scientific explanation of what plants and animals need to survive 2. Use evidence to develop a scientific explanation for similarities and/or differences among different organisms   (species)   1. Analyze and interpret data   representing variation in a trait   1. Examine, evaluate, question, and ethically use information from a variety of sources and media to investigate questions about characteristics of living things | **Inquiry Questions:**   1. How have classification systems changed over time?   2. How are individuals in a related species similar and different? |
| **Relevance and Application:**   1. Human beings have use technology in order to survive in a variety of climates, such as heating and air conditioning. |
| **Nature of Science:**   1. Understand that all scientific knowledge is subject to new findings and that the presence of reproducible results yields a scientific theory. 2. Evaluate and provide feedback on evidence used by others to justify how they classified organisms. |